

Abstract of the Disclosure

Textile fabric composed of synthetic fibers is subjected to a gas phase fluorination in a fluorine/inert gas atmosphere having a fluorine concentration in the range from 0.1 to 10% in order that the synthetic fiber surfaces may be activated in such a way that they are able to react with organic or inorganic compounds. Thereafter, the fabric is coated with a fluorocopolymer which is free of adhesion promoters. Similarly, yarn composed of synthetic fibers is first gas phase fluorinated and thereafter coated with a fluorocopolymer. Sewing yarn or thread, having been gas phase fluorinated, is bonded by means of a fluoropolymer coating. The improved adhesion makes the coated materials useful for a wide range of industrial applications.